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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/809,291
Filing Date	03/25/2004
First Named Inventor	BAMDAD, Cynthia C.
Art Unit	1641
Examiner Name	N/A
Attorney Docket Number	M1015.70002US01

Total Number of Pages in This Submission

9

ENCLOSURES (Check all that apply)

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment/Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation
- ☐ Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____

- ☐ After Allowance communication to Technology Center (TC)
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify below):
PTO-1449/A and B and copy of the cited reference B4; and Return Receipt Postcard

Remarks

Total Number of Pages in Submission does not include references and PCT-related documents.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Joseph Hyosuk Kim, Ph.D. Reg. No. 41,425 JHK Law
Signature	<i>Harry Sung Lee</i> , Reg. No. 56,814
Date	October 6, 2005

CERTIFICATE OF TRANSMISSION/MAILING

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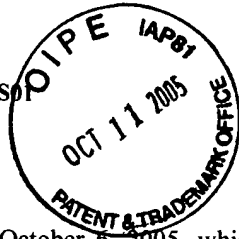
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Date

October 6, 2005

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PATENT

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Harry Lee

Applicant: **BAMDAD, Cynthia C.**
Serial No.: **10/809,291**
Filed: **March 25, 2004**
Confirmation No.: **6035**
Title: **INTERACTION OF COLLOID
IMMOBILIZED SPECIES WITH
SPECIES ON NON-COLLOIDAL
STRUCTURES**
Examiner: **N/A**
Art Unit: **1641**
Attorney Docket No.: **M1015.70002US01**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Commissioner for Patents
P.O. Box 1450
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INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed in the attached forms PTO/SB/08A and PTO-1449 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), as an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Copies of the cited documents except for WO 00/43791 (Cite No. B4 in form PTO/SB/08A) are not enclosed since all of the cited references have been either previously submitted to the Patent Office with the Information Disclosure Statement or cited in the Office Actions in connection with the parent application 09/602,778. It is believed that these references can be found in the files for application 09/602,778. Please note that the references listed in the enclosed copy of the Notice of References Cited for application 09/602,778 are included in form PTO/SB/08A submitted herewith.

It is respectfully requested that the Examiner indicate consideration of the cited references by returning copies of the attached forms PTO/SB/08A and PTO-1449 with initials or other appropriate marks, and that the references be made of record as cited references in the application.

Copies of the International Search Report and the International Preliminary Examination Report for international application PCT/US00/01504 are also submitted herewith for records.

This Information Disclosure Statement is being filed before the mailing date of the First Office Action on the merits in the above-identified case. Therefore, no fee is required.

The Commissioner is authorized to charge JHK Law's Deposit Account No. **502486** for any fees required under 37 CFR §§ 1.16 and 1.17 and to credit any overpayment to said Deposit Account No. **502486**.

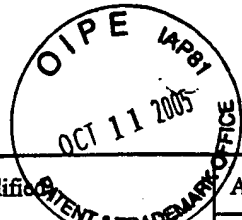
Respectfully submitted,

Hyosuk Kim, Reg. No. 56,814

October 6, 2005
Date

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FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 10/809,291	ATTY. DOCKET NO.: M01015.70002.US01
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: 03/25/2004	CONFIRMATION NO.: 6035
		APPLICANT: Cynthia C. Bamdad et al.	
		GROUP ART UNIT: 1641	EXAMINER: Counts, Gary W.
Sheet	1	of	2

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
	1	4,945,045	A	Forrest et al.	07-31-1990
	2	5,177,012	A	Kim et al.	01-05-1993
	3	5,294,369	A	Shigekawa et al.	03-15-1994
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	11	DE	38 06 558	A	Hitachi Ltd.	09-15-1988	N
	12	EP	0 489 465	B1	Azko Nobel N.V.	09-04-1996	
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	15	WO	98/20162	A2	Clinical Micro Sensors	05-14-1998	
	16	WO	01/92277	A1	Minerva Biotechnologies Corporation	12-06-2001	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
	17	BAMDAD, CYNTHIA, "The Use of Variable Density Self-Assembled Monolayers to Probe the Structure of a Target Molecule," BIOPHYSICAL JOURNAL, October 1998, vol. 75, pp. 1989-1996	
	18	BAMDAD, CYNTHIA CAROL, "Novel Surfaces for the Detection and Study of Intermolecular Interactions," A thesis presented by Cynthia Carol Bamdad to The Committee for Higher Degrees in Biophysics in partial fulfillment of the requirements for the degree of Doctor of Philosophy in the subject of Biophysics, Harvard University, Cambridge, Massachusetts. May 1997. pp. 1-111. UMI Dissertation Services, Ann Arbor, MI.	
	19	CHOLET AL., "Labeling digoxin antibody with colloidal gold and ferrocene for its use in a membrane immunostrip and immunosensor", MICROCHEMICAL JOURNAL, September 1999, vol. 63, pp. 92-99.	
	20	ROBINSON ET AL., "Bioelectrochemical enzyme immunoassay of human choriogonadotropin with magnetic electrodes", CLINICAL CHEMISTRY, 1985, vol. 31, no. 9, pp. 1449-1452.	
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	22	GUGLIUCCI ET AL., "Reaction of advanced glycation endproducts with renal tissue from normal and streptozotocin-induced diabetic rats: an ultrastructural study using colloidal gold cytochemistry.", J HISTOCHEM CYTOCHEM, vol. 43, no. 6, pp. 591-600, ABSTRACT ONLY.	
	23	STIRLING, JW., "Unfixed tissue for electron immunocytochemistry: a simple preparation method for colloidal gold localization of sensitive epitopes using ethanediol dehydration.", HISTOCHEM J, April 1992, vol. 24, no. 4, pp. 190-206, ABSTRACT ONLY.	

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32	HERKEN ET AL., "Postembedding immunogold histochemistry for the localization of laminin and its E4 and P1 fragments in mouse kidney embedded in LR-White and LR-Gold." <i>HISTOCHEM J.</i> , June 1991, vol. 23, no. 6, pp. 267-72, ABSTRACT ONLY.
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46	Package inserts, "Secondary antibody coated colloidal gold probes for used in the electron microscopical Immunogold (silver) straining technique, <i>AUROPROBE</i> , codes RPN 420-436, RPN, 444; June 8, 1999, Amersham, Piscataway, NJ, pp. 1-7.

EXAMINER

DATE CONSIDERED

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449/A and B (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICATION NO.: 10/809,291		ATTY. DOCKET NO.: M01015.70002.US01	
				FILING DATE: 03/25/2004		CONFIRMATION NO.: 6035	
				APPLICANT: Cynthia C. Bamdad et al.			
				GROUP ART UNIT: 1641		EXAMINER: Counts, Gary W.	
Sheet	1	of	1				

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
	1	4,313,734		Leuversing	02-02-1982
	2	4,744,760		Molday	05-17-1988
	3	4,859,612		Cole et al.	08-22-1989
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	5	4,888,248		Hirai et al.	12-19-1989
	6	5,147,841		Wilcoxon	09-15-1992
	7	5,248,772		Siiman et al.	09-28-1993

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		Office/ Country	Number	Kind Code			
	8	WO	92/08134	A1	Coulter Corporation	05-14-1992	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

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		Number	Kind Code		
	1.	2002/0042074	A1	Bamdad et al.	04-11-2002
	2.	2002/0086443	A1	Bamdad	07-04-2002
	3.	2002/0098526	A1	Bamdad	07-25-2002
	4.	2002/0156112	A1	Bamdad et al.	10-24-2002
	5.	2002/0164611	A1	Bamdad et al.	11-07-2002
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	9.	2003/0087228	A1	Bamdad et al.	05-08-2003

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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of

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Complete if Known

Application Number	10/809,291
Filing Date	03/25/2004
First Named Inventor	BAMDAD, Cynthia C.
Art Unit	1641
Examiner Name	COUNTS, Gary W.
Attorney Docket Number	M1015.70002US01

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US- 4853335	08-01-1989	Olsen et al.	whole document
	A2	US- 5589401	12-31-1996	Hansen et al.	whole document
	A3	US- 6319670	11-20-2001	Sigal et al.	whole document
	A4	US- 5620850	04-15-1997	Bamdad et al.	whole document
	A5	US- 6180084	01-30-2001	Ruoslahti et al.	whole document
	A6	US- 6346389	02-12-2002	Altieri et al.	whole document
	A7	US- 6342349	01-29-2002	Virtanen et al.	whole document
	A8	US- 6413770	07-02-2002	Godowski et al.	whole document
	A9	US- 6001556	12-14-1999	Charych et al.	whole document
	A10	US- 6541617	04-01-2003	Bamdad et al.	whole document
	A11	US- 4115535	09-19-1978	Giaever et al.	whole document
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
	B1	EP 0299428	01-18-1989	Ching et al.	whole document	
	B2	EP 0142301	05-22-1985	Forrest et al.	whole document	
	B3	WO 98/34114	08-06-1998	Dremel	whole document	
	B4	WO 00/43791	07-27-2000	Bamdad et al.	whole document	

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